

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
PIPES/04

SERIAL NO.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Jerome H. Ludwig

(Use several sheets if necessary)

FILING DATE
October 1, 1999

GROUP

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MRL	A.A	3	8	2	1	4	7		05/01/1888	Frederick Farrar	134	102.1	11/10/1887
MRL	A.B	4	2	4	1	0	2		03/25/1890	William T. Edds	134	102.1	01/04/1890
MRL	A.C	1	3	5	5	0	7	4	10/05/20	David P. Cleveland	134	29	12/30/19
MRL	A.D	2	0	2	3	4	9	6	12/10/35	Verne J. Todd	87	5	03/12/28
MRL	A.E	2	0	6	5	4	6	2	12/22/36	Bengt Olsson	141	1	02/11/36
MRL	A.F	2	3	2	4	8	0	4	07/20/43	John Van Gelderen	141	1	07/11/42
MRL	A.G	2	3	3	8	6	8	9	01/04/44	Milton E. Parker, et al.	21	57	08/07/41
MRL	A.H	3	0	8	4	0	7	6	04/02/63	Charles M. Loucks, et al.	134	22	04/11/60
MRL	A.I	3	4	9	3	3	2	3	02/03/70	Herbert W. Demuth	21	2	10/27/66
MRL	A.J	3	7	6	2	8	7	4	10/02/73	Jean-Luc Berry	21	57	06/22/71
MRL	A.K	3	8	2	4	7	7	0	07/23/74	Wolfgang Eckstein	55	279	07/02/73

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L						
	A.M						
	A.N						
	A.O						
	A.P						
	A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	
	A.S	
	A.T	

EXAMINER

DATE CONSIDERED

*Monica R. Ludwig**06/01/01*

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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MRL	B.A	3	8	9	3	8	3	2	07/08/75	John H. Perry, et al.	55	268	11/01/73
MRL	B.B	3	9	9	9	9	4	3	12/28/76	Jean-Luc Berry	21	108	01/25/74
MRL	B.C	4	5	6	3	7	8	1	01/14/86	David R. James	4	542	12/31/84
MRL	B.D	5	6	4	8	0	4	6	07/15/97	Rene Weibel	422	4	03/28/93
	B.E												
	B.F												
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